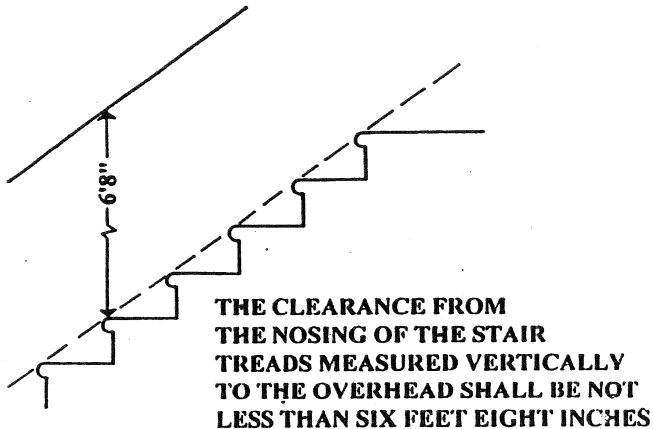
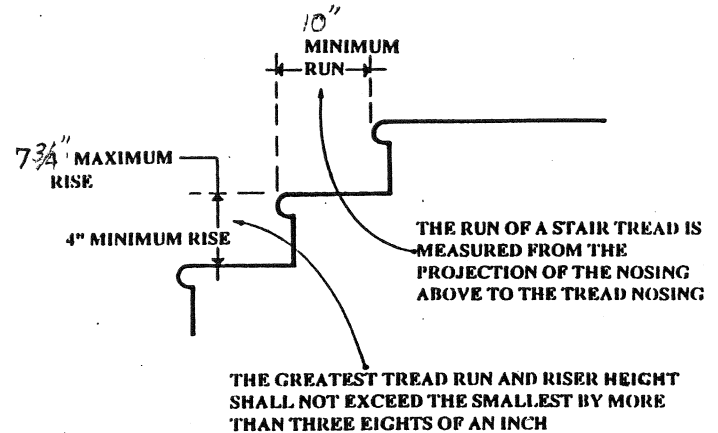


STAIRWAYS

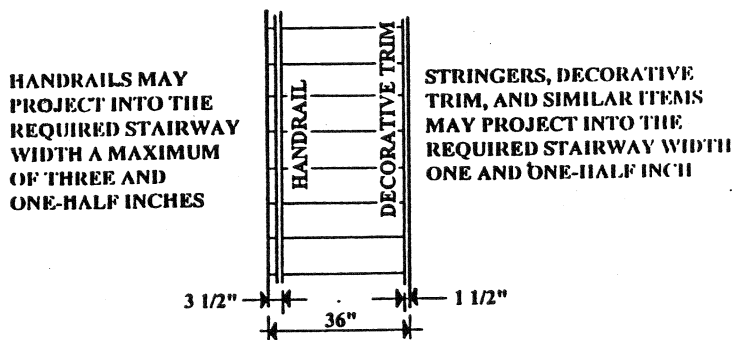
STAIRWAY HEADROOM



STAIRWAY RISE AND RUN

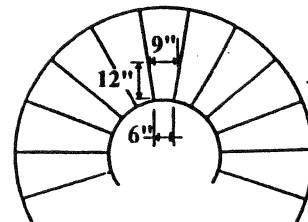


PROJECTIONS INTO REQUIRED STAIRWAY WIDTH



WINDING STAIRWAYS

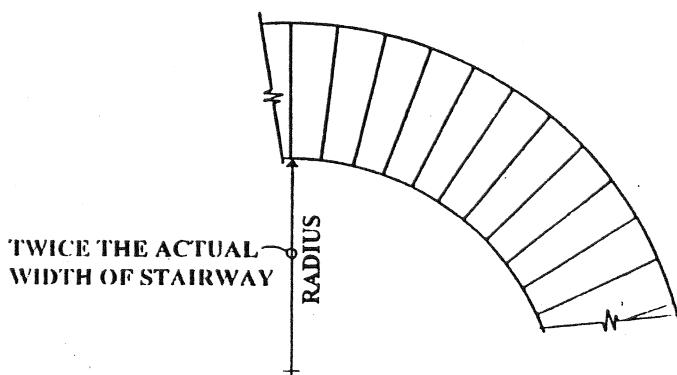
MINIMUM TREAD RUN OF NINE INCHES NOT MORE THAN TWELVE INCHES FROM THE NARROWEST END OF TREADS.



TREAD RUN MINIMUM AT ANY POINT NOT LESS THAN SIX INCHES.

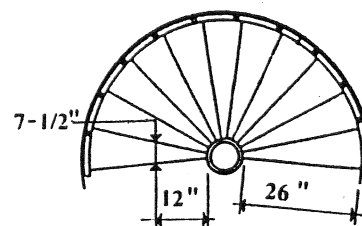
CIRCULAR STAIRS

IF USED AS AN EXIT THE MINIMUM TREAD RUN SHALL BE NOT LESS THAN TEN INCHES.



SPIRAL STAIRWAYS

MAY SERVE AS A REQUIRED EXIT FOR AN AREA NOT GREATER THAN FOUR HUNDRED SQUARE FEET.

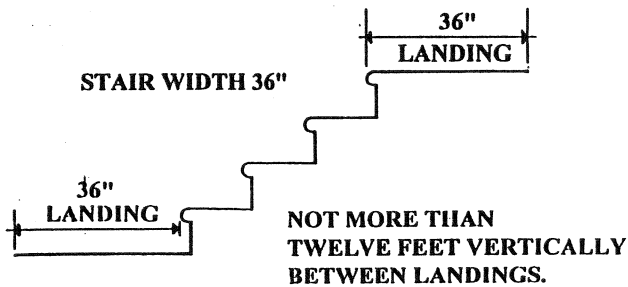


RISE SHALL NOT EXCEED NINE AND ONE HALF INCHES.

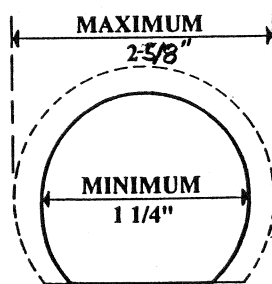
SIX FOOT SIX INCHES OF HEADROOM MUST BE PROVIDED.

STAIR LANDINGS

LANDING NOT LESS THAN WIDTH OF STAIRS EXCEPT FOR A LANDING ON A STAIR WITH A STRAIGHT RUN MAY BE FORTY FOUR INCHES.



STAIR HANDRAILS

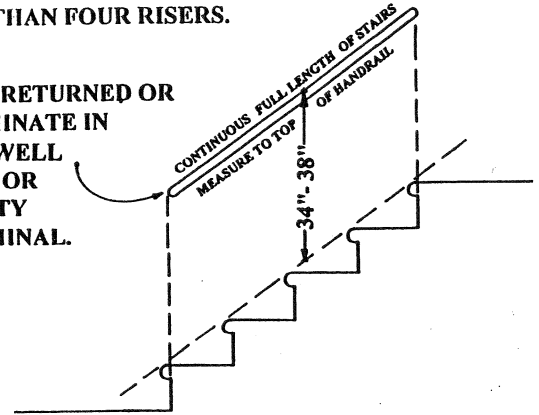


R315.2 Handrail grip size. The handgrip portion of handrails shall have a circular cross section of $1\frac{1}{4}$ inches (32 mm) minimum to $2\frac{5}{8}$ inches (67 mm) maximum. Other handrail shapes that provide an equivalent grasping surface are permissible. Edges shall have a minimum radius of $\frac{1}{8}$ inch (3.2 mm).

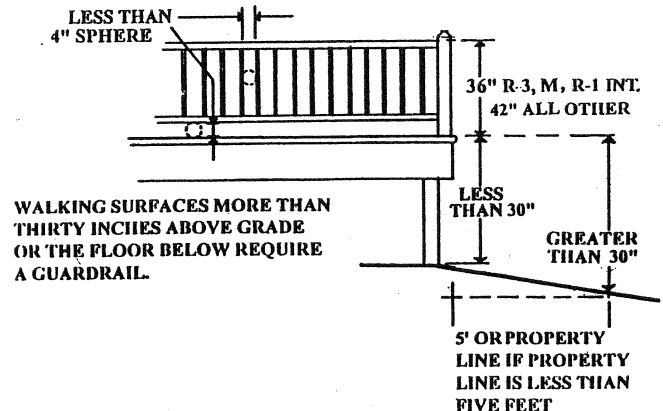
STAIR HANDRAILS

HANDRAIL REQUIRED ON ONE SIDE ONLY.
HANDRAIL NOT REQUIRED ON STAIRWAYS HAVING LESS THAN FOUR RISERS.

ENDS RETURNED OR TERMINATE IN A NEWELL POST OR SAFETY TERMINAL.



GUARDRAILS



GUARDRAILS FOR STAIRS

THE TOP OF GUARDRAILS FOR STAIRWAYS ONLY MAY HAVE A MINIMUM HEIGHT OF THIRTY FOUR INCHES

